

REMARKS

Applicants respectfully request reconsideration of the present application in view of the foregoing amendments and in view of the reasons that follow.

Status of Claims:

No claims are currently being cancelled.

Claims 1-20 are currently being amended.

Claims 21 and 22 are currently being added.

This amendment adds and amends claims in this application. A detailed listing of all claims that are, or were, in the application, irrespective of whether the claims remain under examination in the application, is presented, with an appropriate defined status identifier.

After adding and amending the claims as set forth above, claims 1-22 are now pending in this application.

Claim Rejections – Prior Art:

In the Office Action, claims 1-4, 6-7, 9, 12-14, 17 and 20 were rejected under 35 U.S.C. § 102(e) as being anticipated by U.S. Patent No. 6,674,739 to Lee et al. (“Lee”); claims 5, 8, 10-11 and 18-19 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Lee in view of U.S. Patent No. 6,757,270 to Kumar et al. (“Kumar”); and claims 15-16 were rejected under 35 U.S.C. § 103(a) as being unpatentable over Lee in view of U.S. Patent Publication No. 2003/0039230 to Ostman et al. (“Ostman”). These rejections are traversed with respect to the presently pending claims under rejection, for at least the reasons given below.

Presently pending independent claim 1 has been amended to recite a base station buffer that temporarily stores packets to be transmitted over the radio channel to said mobile station, in which the radio channel is held in the suspend state by said base station information storage section at all times when said base station buffer is empty. See, for example, page 22, lines 18-24 of the specification.

Turning now to the cited art of record, column 6, lines 10-45 of Lee describes different states of operation of a communication channel, whereby one of those states of operation corresponds to a suspend state that is utilized to efficiently use radio resources and conserve power of the mobile station. However, there is no teaching in Lee that this suspend

state of operation is set whenever a base station buffer is empty, and whereby transmission/reception state update information is sent by the base station to the mobile station when the buffer empty state exists.

Accordingly, presently pending independent claim 1 is not anticipated by Lee.

Each of the other presently pending independent claims have been amended in a manner similar to the amendments made to claim 1, and thus those claims are also not anticipated by Lee.

Since neither Kumar nor Ostman rectifies the above-mentioned deficiencies of Lee, all of the presently pending claims are patentable over the cited art of record.

New Claims:

New claims 21 and 22 have been added to recite additional features of the present invention that are believed to provide a separate basis of patentability for those claims.

Conclusion:

Since all of the issues raised in the Office Action have been addressed in this Amendment and Reply, Applicants believe that the present application is now in condition for allowance, and an early indication of allowance is respectfully requested.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

The Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 19-0741. Should no proper payment be enclosed herewith, as by a check being in the wrong amount, unsigned, post-dated, otherwise improper or informal or even entirely missing, the Commissioner is authorized to charge the unpaid amount to Deposit Account No. 19-0741. If any extensions of time are needed for timely acceptance of papers submitted herewith, Applicants hereby petition for such extension under 37 C.F.R. §1.136 and authorize payment of any such extensions fees to Deposit Account No. 19-0741.

Respectfully submitted,

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